## BEST AVAILABLE COPY STAPLE AREA (for additional cross references)

| POSITIO?                  | INITIALS | ID NO. | DATE     |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|
| FEE DETERMINATION         |          |        |          |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | ,        | 49     | 2/1/01   |  |  |  |  |  |
| FORMALITY REVIEW          | 3/       | 809    | 25/26/01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        | 1/0~/,/  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| — (Through numeral) Canceled | A Appeal      |
| ÷ Restricted                 | O Objected    |

|      |          | •         |     |  |          |                |              |          |              |            |                |              |      | · · · · · · · · · · · · · · · · · · · |          |              |          |              |          |              |          |          |          |               |          |   |          |            |          |                |          |                |          |          |          |          |                 |
|------|----------|-----------|-----|--|----------|----------------|--------------|----------|--------------|------------|----------------|--------------|------|---------------------------------------|----------|--------------|----------|--------------|----------|--------------|----------|----------|----------|---------------|----------|---|----------|------------|----------|----------------|----------|----------------|----------|----------|----------|----------|-----------------|
|      | Cla      |           |     |  |          |                | Dat          | e        |              |            |                |              |      | Cla                                   | im       |              |          |              |          | Dat          | е        |          |          |               |          |   | Cla      | im         |          |                |          | Dat            | е        | _        |          | _        |                 |
|      |          | lai       | h   |  |          |                |              |          |              |            | ·              |              |      |                                       | lal      |              |          |              |          |              |          |          |          |               |          |   | l        | <u>a</u>   |          |                |          |                |          |          |          | .        |                 |
|      | Fina     | Griginal  | D   |  |          |                |              |          |              |            |                |              |      | Final                                 | Original |              |          |              |          |              |          |          |          |               |          |   | Final    | Original   |          |                |          |                |          |          |          |          |                 |
|      | ш        | 6         | Ð   | H  | _        | Н              |              |          |              | H          | -              | -            |      | -                                     | 51       | $\dashv$     |          |              | -        | $\dashv$     |          | $\dashv$ |          | -             |          |   | ۳        | 101        | +        | $\vdash$       | $\vdash$ | -              |          | $\vdash$ |          | $\dashv$ | $\dashv$        |
|      | -        | 2         | _   | $\vdash$   |          | $\dashv$       | ÷            | -        | $\vdash$     | H          | <del>  -</del> | -            |      | -                                     | 52       | +            | -        |              | $\neg$   |              |          | _        |          |               |          |   | $\vdash$ | 102        | +-       |                | $\vdash$ | -              |          |          | H        | $\dashv$ | $\dashv$        |
|      |          | 3         | 4   | $\vdash$   | -1-      |                |              | -        |              | ┢          |                |              |      | -                                     | 53       | 1            | ┪        | _            |          |              |          |          |          | П             |          |   | $\vdash$ | 103        | †        |                | 1        |                | $\Box$   | П        | П        |          | ᅥ               |
|      | _        | 4         | H   | Н  | ,        | Н              |              | $\vdash$ | H            | ┢┈         | _              | -            |      | Н                                     | 54       | _            |          | $\dashv$     |          |              |          |          | _        |               |          |   |          | 104        |          |                |          |                | $\sqcap$ | П        |          | $\Box$   | $\dashv$        |
|      |          | 5         | IT  |  | Ţ        |                |              | Г        |              |            |                |              |      |                                       | 55       |              |          |              |          |              |          |          |          |               |          |   |          | 105        |          |                |          |                |          |          |          |          |                 |
|      |          | 6         |     |  |          |                |              |          |              |            |                |              |      |                                       | 56       |              |          |              |          |              |          |          |          |               |          |   |          | 106        | <u> </u> |                |          |                |          |          |          |          | $\Box$          |
|      |          | 7         | Ц   |  |          |                |              | <u> </u> | <u> </u>     | _          |                | L.,          |      | Ŀ                                     | 57       | _            |          |              | _        |              | _        |          | _        | Ш             |          |   | L        | 107        | ↓_       | <u> </u>       | <u> </u> |                | $\perp$  |          | $\perp$  | $\dashv$ | _               |
| •    |          | 8         | Ш   |  | :        |                | 1            | _        | ļ            | <u> </u>   | L              | ļ            | -    | <u>_</u>                              | 58       | $\dashv$     | _        | $\dashv$     | $\dashv$ |              |          | _        |          | _             | _        |   | ⊢        | 108        | $\vdash$ | -              | <u> </u> |                |          |          |          |          |                 |
| 2    | 3 -3     | 9         | Н   |  |          |                |              | ) ·      | 3            | -          |                | <u>.</u>     |      | -                                     | 59<br>60 |              | -        |              |          |              | - 1      |          | 4        |               | -        |   | H        | 109        | +        | -              | -        |                | 7.       |          |          |          | _               |
|      | 10 m     | 10<br>(1) | Ш   |  |          | (A)            | -            | ۸,       |              | 100        | Ţ              |              |      | -                                     | 61       |              |          | -            |          | $\dashv$     |          | -        | -        |               |          |   | -        | 111        | -        | Η-             |          |                |          | 7<br>74  |          | -1       | 픡               |
|      | 14       | ď         | Ψ   |  |          | 44.            |              | 1.3      | -            | 3.7<br>1.2 | . 1            | 1            | +    |                                       | 62       |              | -        |              |          |              |          |          | -        |               | _        |   |          | 112        |          |                |          | 9              |          |          |          | _        | $\neg$          |
|      | ¥.;      | 13        | 2   | ١,=  |          | 71             | 75           | -        |              |            |                |              | ٠,,  | -                                     | 63       | $\neg$       | -1       |              |          | .            |          |          |          | $\overline{}$ |          |   |          | 113        | 1        | 34             |          |                |          | •        |          | 7        | Ħ               |
| 2    | 7.1      | 14        | 27  | 1. 1   | 7.       |                | <del></del>  | -        |              | 1.1        | 10             | -            |      |                                       | 64       | 1            |          | _            |          |              |          |          |          |               | 1.       |   | _        | 114        |          | -              | 7        |                |          |          | $\Box$   |          |                 |
|      | 1        | 15        | Ť.  |  |          | 100            | 7            | _        | -            |            | •              |              |      |                                       | 65       |              |          |              |          |              |          |          | •        |               |          |   |          | 115        |          |                |          |                |          |          |          | $\Box$   |                 |
| 6    | 1        | 16        | ,   |  |          |                |              | 24       |              |            |                |              |      |                                       | 66       |              |          |              |          |              |          | $\Box$   |          | 7             |          |   |          | 116        | L        | `              |          |                | $\dashv$ | _        | _        | 4        | _               |
|      |          | 17        |     | ·  |          |                |              |          |              |            |                |              |      | L                                     | 67       | _            | _i       |              |          | _            |          | _        | _        |               | Ш        |   |          | 117        | _        | *              |          |                | _        | ٠.       | 4        | 4        | _               |
|      | 20       | 18        |     | -  |          |                |              |          |              |            |                | L            |      | <u> </u>                              | 68       | _            | 4        | _            | _        |              | _        |          | $\dashv$ | ·             |          |   | <u> </u> | 118        | -        |                | Ш        |                |          | _        | -        | -        | $\dashv$        |
| · .  |          | 19        |     |  |          | ,              |              |          | L.           |            | _              |              |      | <u> </u>                              | 69       | _            | -        | _            | 4        | _            |          |          | $\dashv$ | _             | _        |   | i        | 119        | H        | _              | -        |                | -        | $\dashv$ | -+       | $\dashv$ | -1              |
|      | ,        | 20        |     | Ш  |          |                |              | ·        | -            |            | Ŀ              |              |      | <u> </u>                              | 70       | _            | _        | _            |          | _            | _        |          |          |               |          |   |          | 120        |          | _              | H        | -              |          |          | -        | -        | $\dashv$        |
|      | - 1      | 21        |     | $\Box$   | Ш        |                |              |          |              |            |                |              |      | Н                                     | 71       | -+           | $\dashv$ |              |          | $\dashv$     |          |          | $\dashv$ | $\dashv$      |          |   | ├        | 121<br>122 | -        | -              |          | $\dashv$       | $\dashv$ | -        | -+       | $\dashv$ | $\dashv$        |
| - 1  | 3.0      | 22<br>23  | L   | $\vdash$   | _        | -              |              |          | _            | -          |                |              |      | ├                                     | 72<br>73 | -            | -        | -            | $\dashv$ | $\dashv$     |          |          | $\dashv$ |               |          |   |          | 123        | -        | Н              |          |                | -1       | $\dashv$ | 十        | 十        | -1              |
|      |          | 24        |     | Н  |          | -1             |              |          | -            | -          |                | $\vdash$     |      |                                       | 74       | $\dashv$     | -        |              | $\dashv$ |              | -        | $\dashv$ |          | $\neg$        | Н        |   | $\vdash$ | 124        | -        |                |          |                | 一        |          | _        | -+       | ヿ               |
|      |          | 25        | -   | -  | -        | Н              |              | -        | -            | $\vdash$   | -              | <del> </del> |      | -                                     | 75       |              |          |              | _        | _            | $\dashv$ |          |          |               |          |   | Г        | 125        |          |                |          |                |          |          |          |          |                 |
|      |          | 26        | Т   |  | -        | Н              |              |          | $\vdash$     | Ι.         |                | Ι-           |      |                                       | 76       |              |          | $\neg$       |          |              |          |          |          |               |          |   |          | 126        |          |                |          |                |          |          |          | $\Box$   |                 |
| . 4. | ٠.       | 27        |     |  |          |                |              |          |              |            |                |              | İ    |                                       | 77       |              |          |              |          |              |          |          |          |               |          |   |          | 127        | <u> </u> | _              | L_       |                | $\sqcup$ |          | 4        | _        |                 |
|      | ,        | 28        |     |  |          |                |              |          |              | Ŀ          |                | L            |      |                                       | 78       |              |          |              |          | _            |          |          |          |               |          |   |          | 128        | _        | <u> </u>       | _        |                | Ш        | 1        | _        | -        | $\dashv$        |
|      | ·        | 29        |     |  |          |                | <u> </u>     | _        |              | _          | L              | _            |      | _                                     | 79       |              |          |              |          |              | _        |          |          |               |          |   | L        | 129        | ┼        |                | -        |                | $\vdash$ | H        | $\vdash$ |          | $\dashv$        |
|      | _        | 30        | Ŀ   |  | _        |                |              |          | _            | L          | L              | _            | 1    | _                                     | 80       | -            |          |              |          |              | _        | ш        | _        | H             |          |   | -        | 130        | ┼—       | -              | -        | $\vdash$       |          | $\vdash$ |          | $\vdash$ | $\dashv$        |
| 3    |          | 31        | ļ., | <u> </u>   | ļ        |                | <u> </u>     | ├-       | ļ            | _          | -              |              | ł    | $\vdash$                              | 81       | $\dashv$     |          |              |          |              | _        |          | H        |               |          |   | $\vdash$ | 132        | $\vdash$ | -              | $\vdash$ | -              |          | H        |          | $\vdash$ | $\dashv$        |
| ٠.   | -        | 32<br>33  |     | ├.   | ⊢        | -              | $\vdash$     |          | ⊢            | -          | ├-             | ┝            | ł    | ⊩                                     | 83       | $\vdash$     |          | $\vdash$     |          | -            |          | -        | H        |               | -        |   | $\vdash$ | 133        | +        | -              | -        | -              | П        |          | П        | $\sqcap$ | $\neg$          |
| -    | -        | 34        |     | ⊢  | $\vdash$ | -              | ├            | $\vdash$ | ├            | ├          | ╁╌             |              | 1    | -                                     | 84       | H            |          |              |          |              |          | _        |          |               |          |   | -        | 134        | T        | _              | 1        |                | П        |          |          | $\Box$   |                 |
|      | ı.       | 35        |     | <b> </b> -                                       | ├        | <del> </del> - | H            | H        | -            | †          |                | <u> </u>     | 1    | -                                     | 85       |              |          |              |          |              |          |          | _        |               |          |   |          | 135        |          |                |          |                |          |          |          |          |                 |
|      | -        | 36        |     | <del>                                     </del> | -        | -              |              | ╁        | <del> </del> | $\vdash$   | $\vdash$       | -            | 1    |                                       | 86       | -            |          |              |          |              |          |          |          |               |          |   |          | 136        |          |                |          |                |          |          | Ш        | Ш        | Ы               |
| ٠.   | Г        | 37        |     | T  |          | Г              |              |          |              |            |                |              | 1    |                                       | 87       |              |          |              |          |              |          |          |          |               |          | Ì | L        | 137        | 4.       | _              | <u> </u> |                | ╙        |          | Ш        |          | $\vdash$        |
|      |          | 38        |     |  | ź.       |                |              |          |              |            |                |              |      |                                       | 88       |              | _        | L            |          |              |          |          | L        | _             | <u> </u> |   | <u></u>  | 138        | ╄        |                | ┞-       | -              | 1        | $\vdash$ |          | $\vdash$ | Н               |
|      |          | 39        | -   |  | 3        |                |              |          |              | L          |                | <u> </u>     | 1    | _                                     | 89       |              |          | _            |          | _            | _        |          | _        | L             | -        |   | <u> </u> | 139        | ┼-       | ⊢              | ├        | <del> </del> — | -        | -        | Н        | Н        | $\vdash \vdash$ |
|      | L        | 40        |     |  | ľ        |                | <u> </u>     | _        | _            | _          | ↓_             | L            |      | _                                     | 90       |              |          | ļ            |          | _            |          | _        | _        | <u> </u> _    | -        | ĺ | ļ        | 140        | +        |                | -        | ├              | -        | $\vdash$ | $\vdash$ | $\vdash$ | -               |
| ٠.   |          | 41        | -   | <u> </u>   | Ľ        | <u> </u>       | _            | _        | 1_           | L          | _              |              | ļ    | <u>_</u>                              | 91       | Щ            | _        | _            | _        |              | L        | $\vdash$ | <u> </u> | ┡             | -        |   |          | 141        | +        | -              | -        | -              |          | -        | H        | $\vdash$ |                 |
|      | Ŀ        | 42        | _   | 1  | ļ        | L              | ┖            | $\vdash$ | <u> </u>     | ļ          | <u> </u>       | Ļ.,          |      | $\vdash$                              | 92       | Н            |          | -            | _        | _            | ļ        | -        | -        | -             |          | l | -        | 142        | +-       | +-             | +-       | ╁              | -        | $\vdash$ | H        | H        | $\sqcap$        |
|      | <u> </u> | 43        |     | 1  | $\vdash$ | ├-             | <del> </del> | $\vdash$ | ┼-           | ┼-         | -              | $\vdash$     | $\{$ | $\vdash$                              | 93       | <del> </del> |          |              | $\vdash$ | -            | $\vdash$ | -        | -        | $\vdash$      | -        |   | $\vdash$ | 144        | +-       | <del>  -</del> | 1-       | T              | Г        |          | М        | $\sqcap$ | П               |
|      | <u> </u> | 44        |     | ┼-   | -        | $\vdash$       |              | 1        | +-           | ╀          | ├-             | +            | 1    | $\vdash$                              | 94       |              | -        | -            | -        | <del> </del> | -        | $\vdash$ | -        | -             | $\vdash$ | 1 | -        | 145        | 1        | 1-             | T        | $\vdash$       |          |          |          |          |                 |
|      | -        | 46        |     | $\vdash$   | +-       | $\vdash$       | $\vdash$     | $\vdash$ | +-           | +          | $\vdash$       | +-           | 1    | -                                     | 96       | -            | -        | <del> </del> | -        | $\vdash$     | -        | _        |          | <del> </del>  | Г        | 1 |          | 146        |          | Ι              | Γ        |                |          |          |          |          | Ш               |
|      | -        | 47        |     | ╁  | +-       | -              |              | +-       | +-           | H          | +              | +            | 1    | -                                     | 97       | Т            | -        | $\vdash$     |          | _            |          | Γ        | 1        |               | T        | 1 |          | 147        | I        |                |          |                |          |          |          | Ш        | Ш               |
| ė.   | -        | 48        |     | +  | $t^-$    | +              | 1-           | +-       | +            | $\vdash$   | +              |              | 1    | $\vdash$                              | 98       |              |          | Ι.           | Г        |              |          |          | *1       |               |          | ] |          | 148        |          |                |          |                | L        | ·        |          |          |                 |
|      | -        | 49        |     | 1  | T        | T              | T            | T        | T            | 1          | 1              |              | 1    |                                       | 99       |              |          |              |          | Ĺ            |          |          | L        | Ĺ             |          | 1 | L        | 149        | -        | ـ              | 1-       | -              | -        | -        | $\vdash$ | H        | $\vdash$        |
|      |          | 50        |     | 1  | L        | L              |              |          |              | L          | Π              |              | ]    |                                       | 100      |              |          | L            |          | <u> </u>     | 乚        | L.       | l        | L             | L_       | J | <u>L</u> | 150        |          |                | <u></u>  | L              | L—       | 1        |          |          | ب               |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)